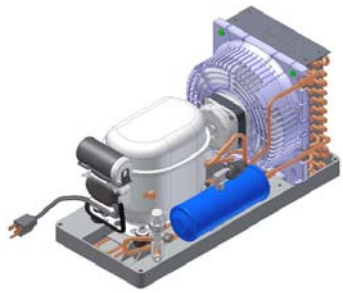
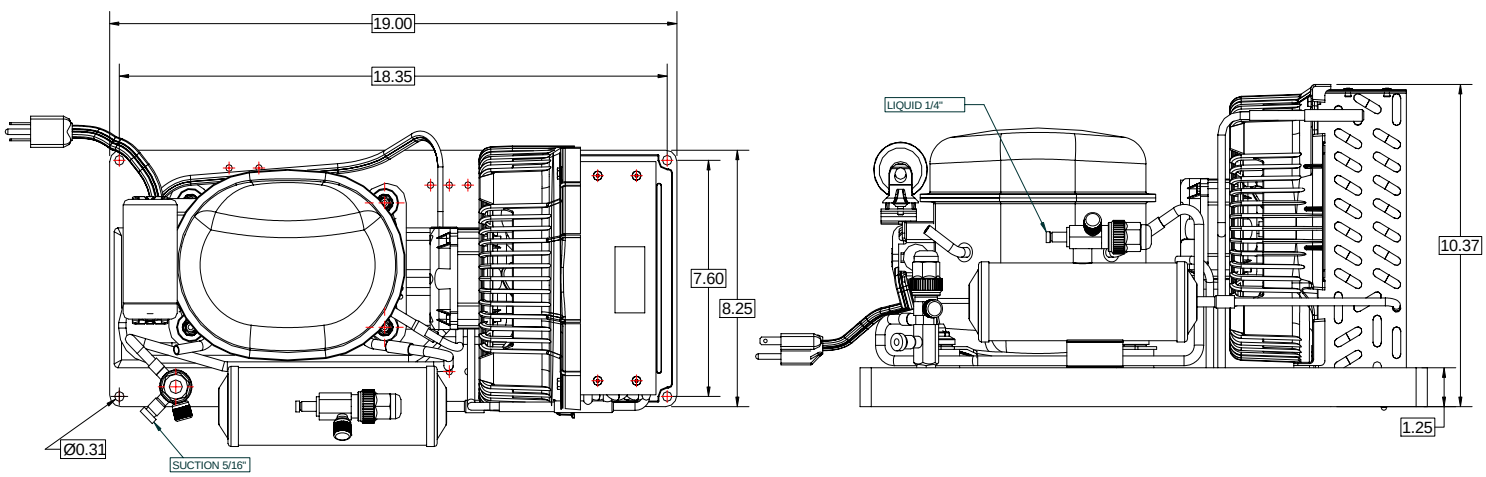
TECUMSEH HERMETIC CONDENSING UNIT

Model	**AEA2410YXAGL, -K, -B, -C**
BOM	**33X401-2, -3, -4, -5**
Air Cooled	**1/4 HP**
Application	**Low Temp**
Refrigerant	**R134a**
Volts-Hz-Ph	**115-60-1**





Model	Dimensions, inches (mm)			Line connections		Pumpdown	Air flow	Oil Ch.	Gross wt.
	L	W	H	Suction	Liquid	90% @90oF	CFM	Oz.	Lbs (kg)
AEA2410YXAGL	19 (483)	8.7 (221)	10.3 (262)	3/8 Sweat	1/4 Sweat	n/a	242	16	39.6 (18)
AEA2410YXAGK									
AEA2410YXAGB		9.7 (246)				1.78			40.2 (18.2)
AEA2410YXAGC				3/8 Valve Sweat	1/4 Valve Sweat	2.16			40.8 (18.5)

Factory charge 20 psig dry air, **MUST BE EVACUATED**

Evaporator		Ambient Temeratures											
		80°F			90°F			100°F			110°F		
°F	Psig	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
-30	*4.9"	780	262	93	692	272	101	602	282	108	510	292	116
-25	*3.4"	943	273	96	851	282	102	747	292	109	630	301	117
-20	*1.8"	1091	287	97	998	296	103	884	305	111	751	313	119
-15	0.0	1260	303	98	1134	311	105	1005	319	113	871	327	121
-10	**1.9**	**1359**	**316**	**102**	**1254**	**326**	**108**	**1132**	**334**	**114**	**996**	**345**	**123**
-5	4.1	1451	335	104	1361	344	110	1250	356	118	1121	366	125
0	6.5	1538	353	106	1456	366	113	1359	378	120	1247	390	127
5	9.1	1615	375	110	1557	388	116	1476	401	123	1373	413	129
10	11.9	1609	403	115	1603	419	120	1568	434	126	1505	452	132

Performance @ 60 Hz, Return gas 40°F, SubCooling 5°F

* Inches of mercury below one atmosphere

Parts/Specifications

Unit BOM	**33X401-2**
Unit MODEL	**AEA2410YXAGL**
Refrigeration RANGE	-40°F to 10°F
Design Pressure Low	150
Design Pressure High	235
Volts - HZ - Ph	115-60-1
Voltage Range	126.5 to 103.5
Min. Circuit Ampacity	7.41
Max. Fuse Size	15
Compressor MODEL	AEA2410YXA
Compressor BOM	AE600AR-928-A2
Compressor LRA	40
Compressor RLA	5.6
OverLoad	8300MRTD88
Relay	820RR12B79
Run Capacitor	
Run Capacitor Rating	
Start Capacitor	85PS110C92
Start Capacitor Rating	270-324MFD / 110V
Fan Motor	NUT6B06ZUN301
Fan Motor RLA	0.41
Fan Blade	4VEA009

Condenser	50733-G04
Shroud	
Fan Guard	116-003P
Replacement Fan Motor	6W115
F. M., blade, guard assy	YFBG-106
F. M., blade, guard, shroud assy	
Electrical Diagram	DEAE-10
Unit Drawing	DGBU-042
Unit BOM	**33X401-3**
Unit MODEL	**AEA2410YXAGK**
Power Cord	85106-10
Unit Drawing	DGBU-042
Unit BOM	**33X401-4**
Unit MODEL	**AEA2410YXAGB**
Receiver	51085-1H
Unit Drawing	DGBU-042R
Unit BOM	**33X401-5**
Unit MODEL	**AEA2410YXAGC**
Receiver /w Liq Valve	51085-1HV
Suction Valve	56580-1
Unit Drawing	DGBU-042V